



## SEQUENCE LISTING

<110> Keio University  
Nishimoto, Ikuo

<120> HUMANIN, A POLYPEPTIDE SUPPRESSING NEURONAL DEATH

<130> KUV-102DP1PCT-1-US

<140> US 10/088,724  
<141> 2002-06-14

<150> WO PCT/JP00/06314  
<151> 2000-09-14

<150> JP 11/264679  
<151> 1999-09-17

<150> JP 2000/201456  
<151> 2000-06-29

<160> 96

<170> PatentIn version 3.1

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<222> (4)..(4)

<223> Xaa is Ser or Ala

<400> 96

Xaa Xaa Xaa Xaa

1

SEQUENCE LISTING

<110> Keio University  
Nishimoto, Ikuo

<120> HUMANIN, A POLYPEPTIDE SUPPRESSING NEURONAL DEATH

<130> KUV-102DP1PCT-1-US

<140> US 10/088,724  
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<150> WO PCT/JP00/06314  
<151> 2000-09-14

<150> JP 11/264679  
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gac ctg ccc gtg aag agg cgg gca tga                                         75
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Asp Leu Pro Val Lys Arg Arg Ala
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5

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15

Leu Pro Val Lys Arg Arg Ala  
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Val Lys Arg Arg Ala  
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Lys Arg Arg Ala  
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Phe Ser Cys Leu Leu Leu Leu Thr Ser Glu Ile Asp Leu Pro Val Lys  
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Arg Arg Ala

<210> 17

<211> 18

<212> PRT

<213> Artificial Sequence

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Ser Cys Leu Leu Leu Leu Thr Ser Glu Ile Asp Leu Pro Val Lys Arg  
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Arg Ala

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<223> Artificially synthesized sequence (deltaN7 -Humanin)

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Cys Leu Leu Leu Leu Thr Ser Glu Ile Asp Leu Pro Val Lys Arg Arg  
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Ala

<210> 19

<211> 16

<212> PRT

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<223> Artificially synthesized sequence (deltaN8 -Humanin)

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Pro Val

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Asp Leu Pro Val  
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<400> 24  
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Pro

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Pro

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Pro

<210> 27  
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Pro

<210> 31  
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Pro

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<400> 32  
Pro Arg Gly Phe Ser Cys Leu Ala Leu Leu Thr Gly Glu Ile Asp Leu  
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Pro

<210> 33  
<211> 17  
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Pro

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Pro

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<211> 17

<212> PRT

<213> Artificial Sequence

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Pro

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Pro

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<213> Artificial Sequence

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Pro

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Pro

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Pro

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Pro

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Ala

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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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<220>  
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Asp Leu Pro Val Lys Arg Arg Ala  
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Asp Leu Pro Val Lys Arg Arg Ala  
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20 25 30  
Xaa Xaa Xaa Xaa Pro  
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<220>  
<223> Artificially synthesized sequence

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<223> Xaa may be any amino acid

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<221> MISC_FEATURE
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<223> Xaa at positions 3-11 may be present or absent

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<222> (12)..(12)
<223> Xaa may be Cys, Arg, Lys, or His.

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<223> Xaa may be Leu or Arg.

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<223> Xaa may be any amino acid

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<223> Xaa at positions 15-23 may be present or absent

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<223> Xaa may be Gly or Thr

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<223> Xaa may be any amino acid

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<222> (28)..(66)
<223> Xaa at positions 28-36 may be present or absent

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Xaa Xaa Xaa Xaa Xaa Xaa Leu Thr Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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25

30

Xaa Xaa Xaa Xaa Pro  
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Ala Gly Phe Ser  
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Arg Gly Ala Ala  
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Arg Ala Phe Ala  
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Ala Ala Phe Ser  
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